

J. Bailey

1636

#10

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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/122,384A

DATE: 01/28/1999
TIME: 13:48:20

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This Raw Listing contains the General Information
Section and up to first 5 pages.

nlw format

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1 <110> APPLICANT: Elledge, Stephen J.
2   Liu, Qinghua
3 <120> TITLE OF INVENTION: Improved Rapid Subcloning Using Site-Specific
4   Recombination
5 <130> FILE REFERENCE: 120541-1005
6 <140> CURRENT APPLICATION NUMBER: US/09/122,384A
7 <141> CURRENT FILING DATE: 1998-07-24
8 <150> EARLIER APPLICATION NUMBER: 08/864,224
9 <151> EARLIER FILING DATE: 1997-02-28
10 <160> NUMBER OF SEQ ID NOS: 32
11 <170> SOFTWARE: PatentIn Ver. 2.0
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129      tggcgaaaca aaaagtttga attgggttg gagtttccca atcttctta ttatattgat 180
130      ggtgatgta aattaacaca gtctatggcc atcatacgtt atatagctga caagcacaac 240
131      atgttggtg gttgtccaaa agagcgtgca gagatttcaa tgcttgaagg agcgggtttg 300
132      gatattagat acggtgtttc gagaattgca tatagtaaag actttgaaac tctcaaagtt 360
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152      tttgaagcaa ctcatcgatt gatttacggc gctaaggatg actctggtca gagatacctg 1560
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154      tcaataccgg agatcatgca agctggtggc tggaccaatg taaatattgt catgaactat 1680
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166      20          25          30
167      Tyr Glu Arg Asp Glu Gly Asp Lys Trp Arg Asn Lys Lys Phe Glu Leu
168      35          40          45
169      Gly Leu Glu Phe Pro Asn Leu Pro Tyr Tyr Ile Asp Gly Asp Val Lys
170      50          55          60
171      Leu Thr Gln Ser Met Ala Ile Ile Arg Tyr Ile Ala Asp Lys His Asn
172      65          70          75          80
173      Met Leu Gly Gly Cys Pro Lys Glu Arg Ala Glu Ile Ser Met Leu Glu
174      85          90          95
175      Gly Ala Val Leu Asp Ile Arg Tyr Gly Val Ser Arg Ile Ala Tyr Ser
176      100          105          110
177      Lys Asp Phe Glu Thr Leu Lys Val Asp Phe Leu Ser Lys Leu Pro Glu
178      115          120          125
179      Met Leu Lys Met Phe Glu Asp Arg Leu Cys His Lys Thr Tyr Leu Asn
180      130          135          140
181      Gly Asp His Val Thr His Pro Asp Phe Met Leu Tyr Asp Ala Leu Asp
182      145          150          155          160
183      Val Val Leu Tyr Met Asp Pro Met Cys Leu Asp Ala Phe Pro Lys Leu
184      165          170          175
185      Val Cys Phe Lys Lys Arg Ile Glu Ala Ile Pro Gln Ile Asp Lys Tyr
186      180          185          190
187      Leu Lys Ser Ser Lys Tyr Ile Ala Trp Pro Leu Gln Gly Trp Gln Ala
188      195          200          205
189      Thr Phe Gly Gly Gly Asp His Pro Pro Lys Ser Asp Leu Val Pro Arg
190      210          215          220
191      Gly Ser Arg Arg Ala Ser Val Gly Ser His Met Pro Met Ala Asn Leu
192      225          230          235          240
193      Leu Thr Val His Gln Asn Leu Pro Ala Leu Pro Val Asp Ala Thr Ser
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199   Ala Ala Trp Cys Lys Leu Asn Asn Arg Lys Trp Phe Pro Ala Glu Pro
200               290                      295                      300
201   Glu Asp Val Arg Asp Tyr Leu Leu Tyr Leu Gln Ala Arg Gly Leu Ala
202   305                      310                      315                      320
203   Val Lys Thr Ile Gln Gln His Leu Gly Gln Leu Asn Met Leu His Arg
204               325                      330                      335
205   Arg Ser Gly Leu Pro Arg Pro Ser Asp Ser Asn Ala Val Ser Leu Val
206               340                      345                      350
207   Met Arg Arg Ile Arg Lys Glu Asn Val Asp Ala Gly Glu Arg Ala Lys
208               355                      360                      365
209   Gln Ala Leu Ala Phe Glu Arg Thr Asp Phe Asp Gln Val Arg Ser Leu
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211   Met Glu Asn Ser Asp Arg Cys Gln Asp Ile Arg Asn Leu Ala Phe Leu
212   385                      390                      395                      400
213   Gly Ile Ala Tyr Asn Thr Leu Leu Arg Ile Ala Glu Ile Ala Arg Ile
214               405                      410                      415
215   Arg Val Lys Asp Ile Ser Arg Thr Asp Gly Gly Arg Met Leu Ile His
216               420                      425                      430
217   Ile Gly Arg Thr Lys Thr Leu Val Ser Thr Ala Gly Val Glu Lys Ala
218               435                      440                      445
219   Leu Ser Leu Gly Val Thr Lys Leu Val Glu Arg Trp Ile Ser Val Ser
220   450                      455                      460
221   Gly Val Ala Asp Asp Pro Asn Asn Tyr Leu Phe Cys Arg Val Arg Lys
222   465                      470                      475                      480
223   Asn Gly Val Ala Ala Pro Ser Ala Thr Ser Gln Leu Ser Thr Arg Ala
224               485                      490                      495
225   Leu Glu Gly Ile Phe Glu Ala Thr His Arg Leu Ile Tyr Gly Ala Lys
226               500                      505                      510
227   Asp Asp Ser Gly Gln Arg Tyr Leu Ala Trp Ser Gly His Ser Ala Arg
228               515                      520                      525
229   Val Gly Ala Ala Arg Asp Met Ala Arg Ala Gly Val Ser Ile Pro Glu
230   530                      535                      540
231   Ile Met Gln Ala Gly Gly Trp Thr Asn Val Asn Ile Val Met Asn Tyr
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VERIFICATION SUMMARY
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